

FIG. 1

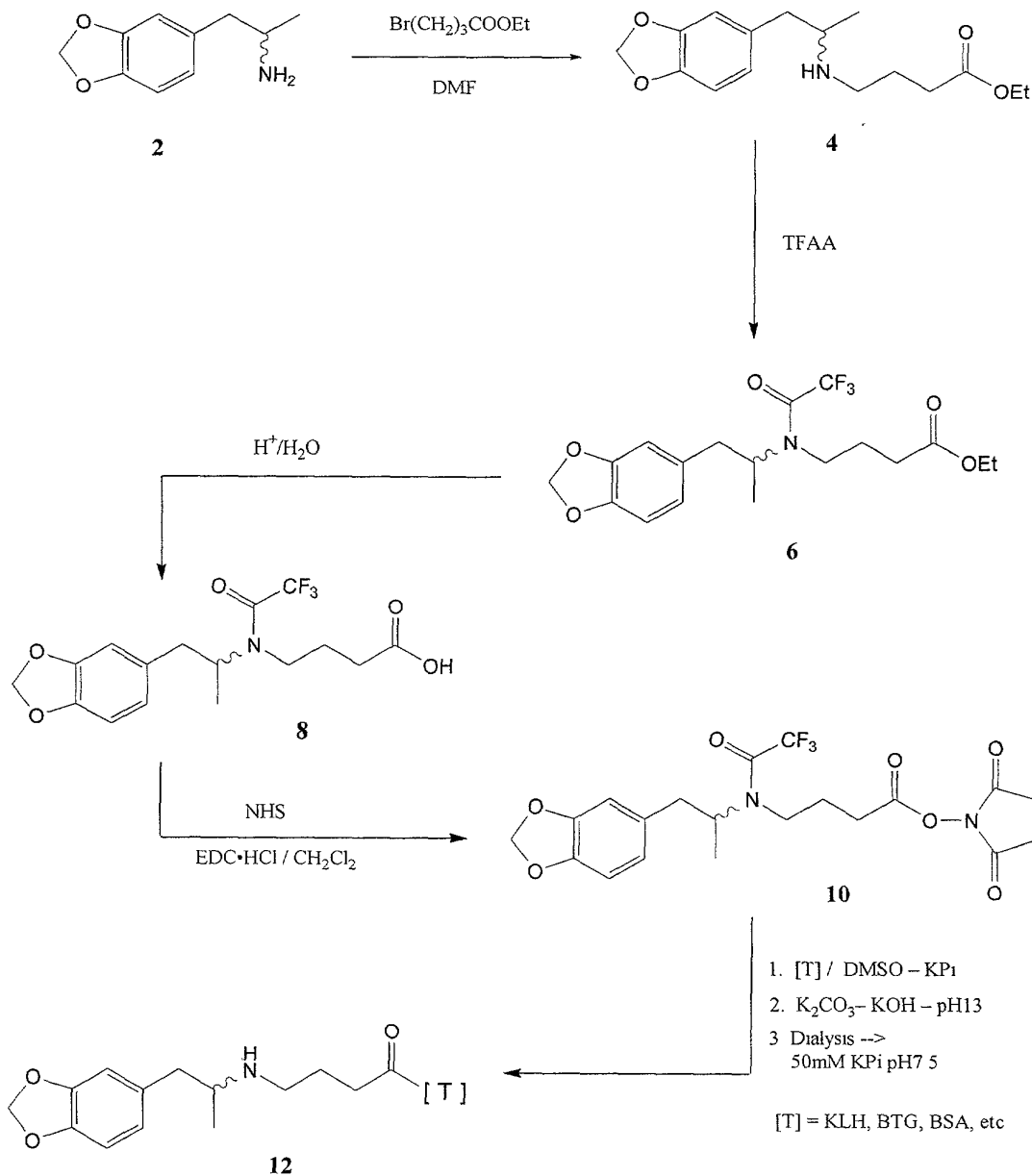


FIG. 2

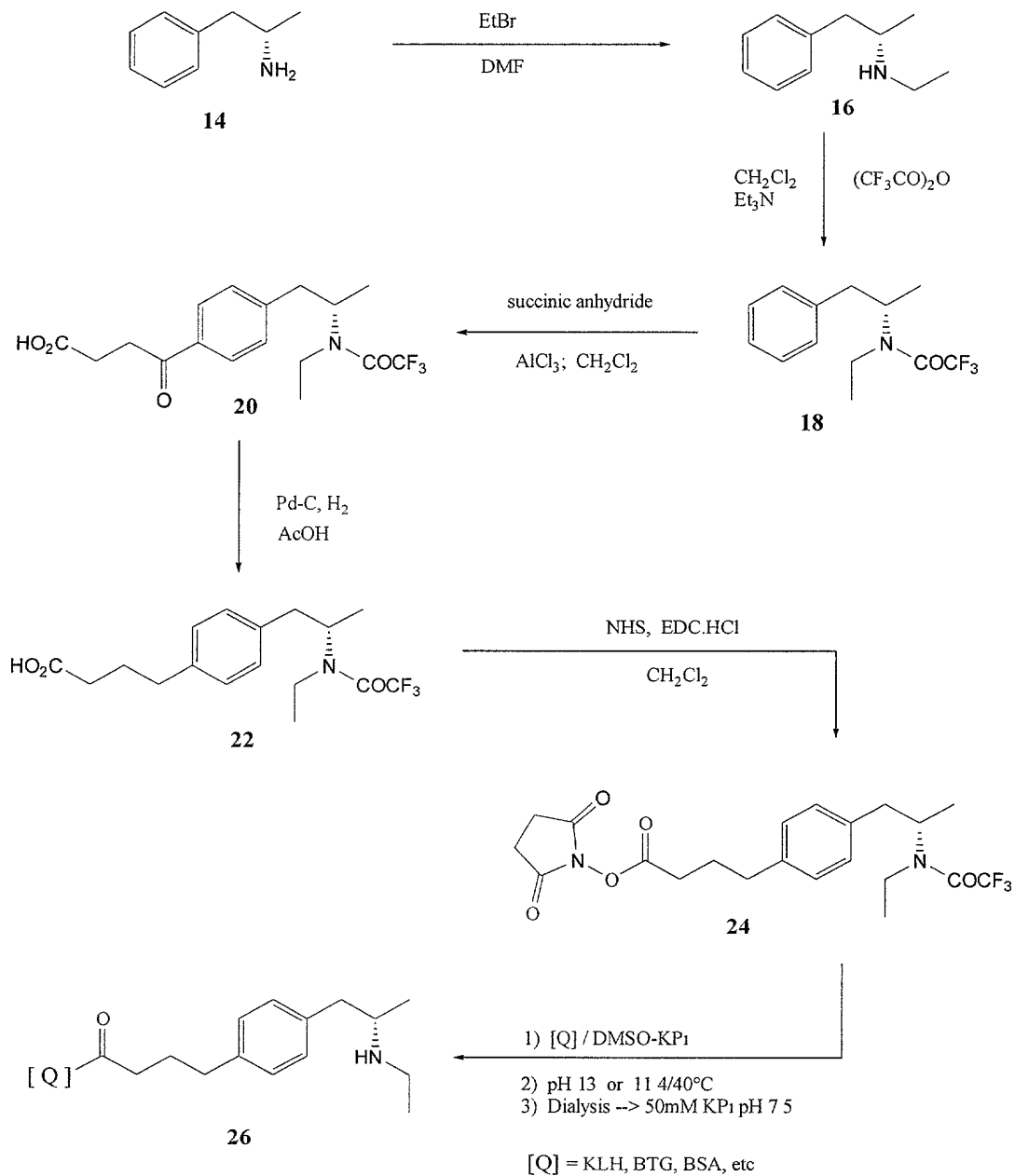
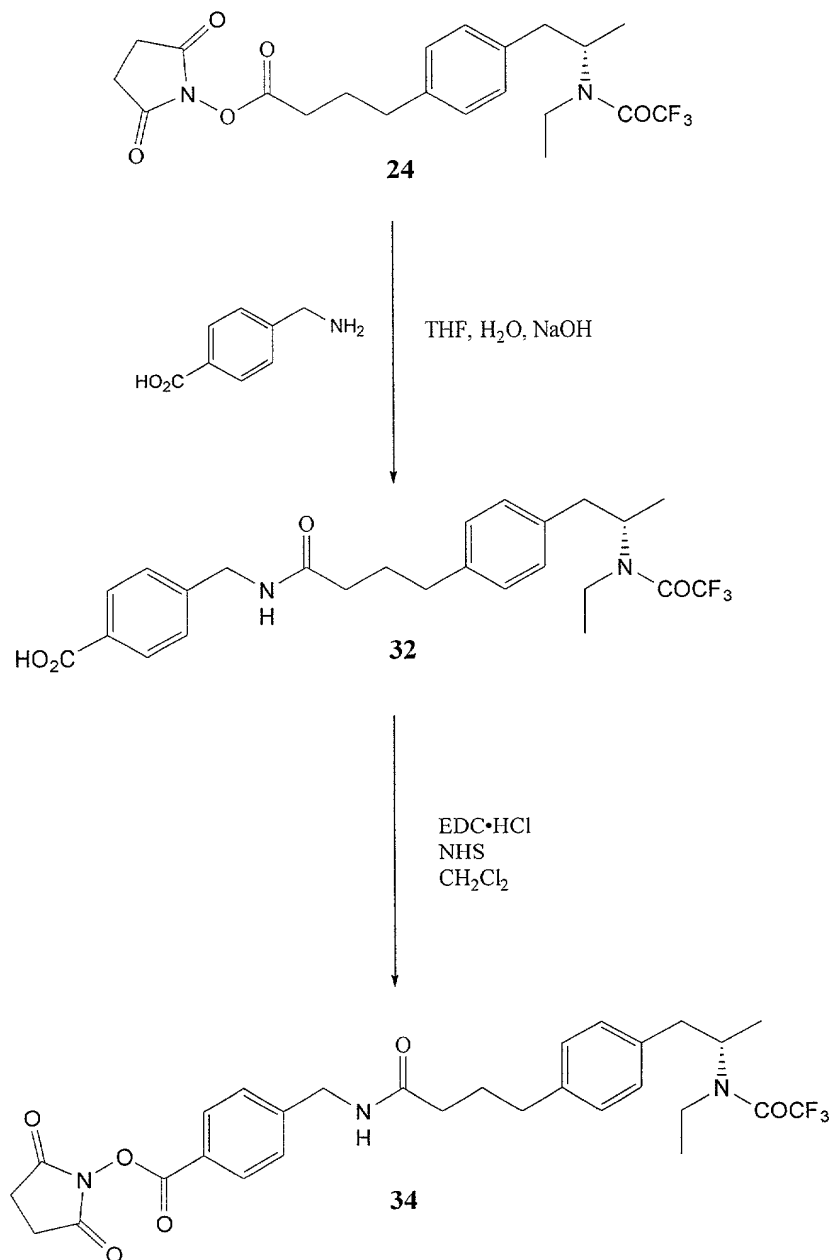


FIG 3



Fusion 1 and 2

1) Immune

- Fusion 3 (11 weeks later)

- (1) Immunogen 12 (T = KLH), deprotected, classical regimen
- (2) 1.45×10^8 lymphocytes, 36 plates
- (3) 12 selected from 1,979 wells tested, same testing protocol as in Fusions 1 and 2.

[illegible]

FIG. 5

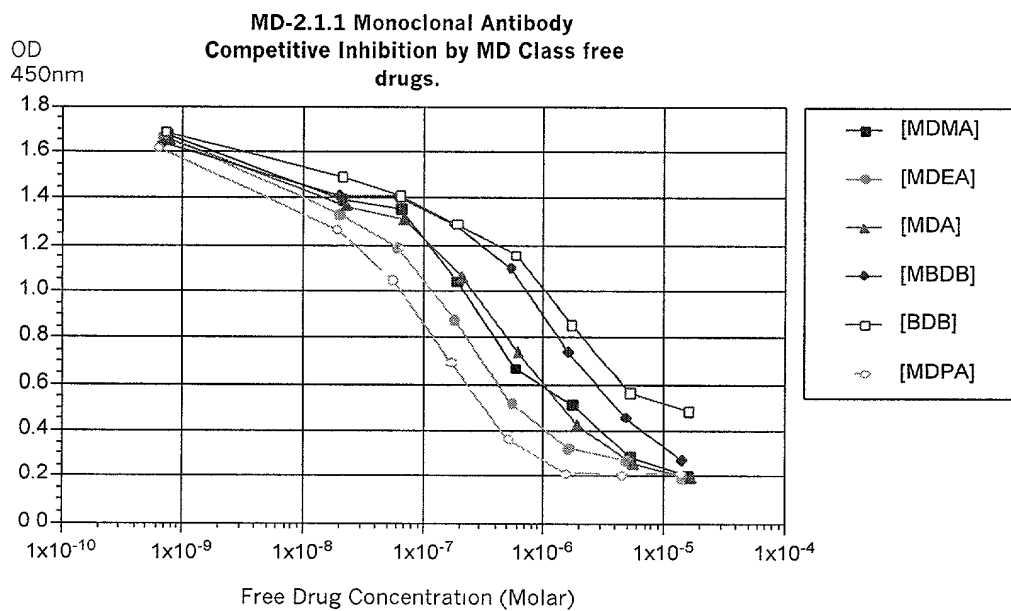


FIG. 6

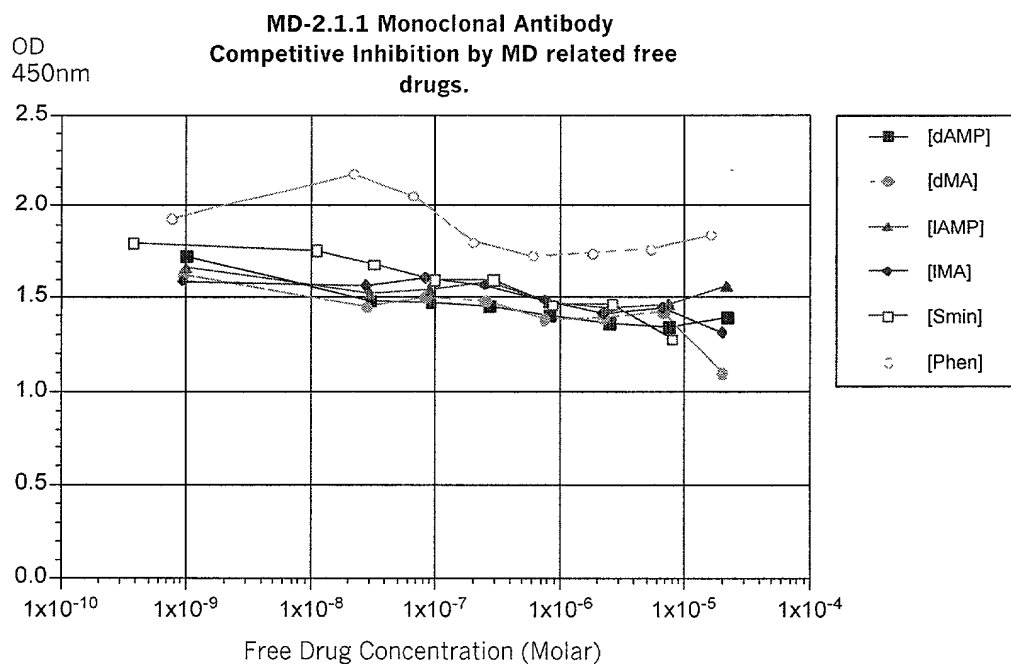


FIG. 7

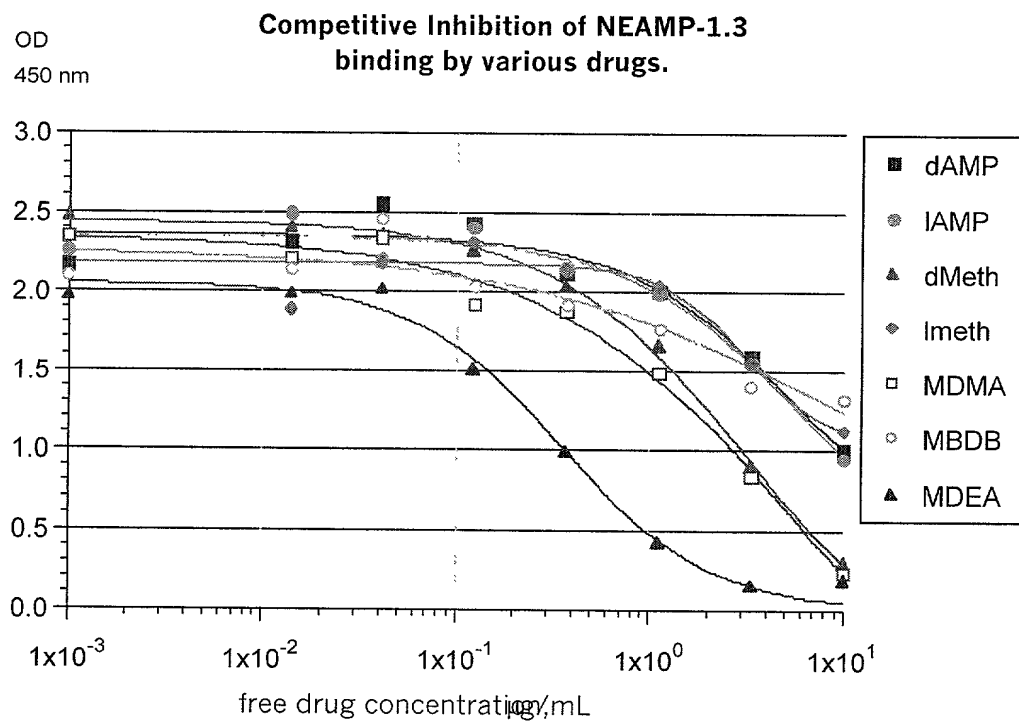


FIG. 8

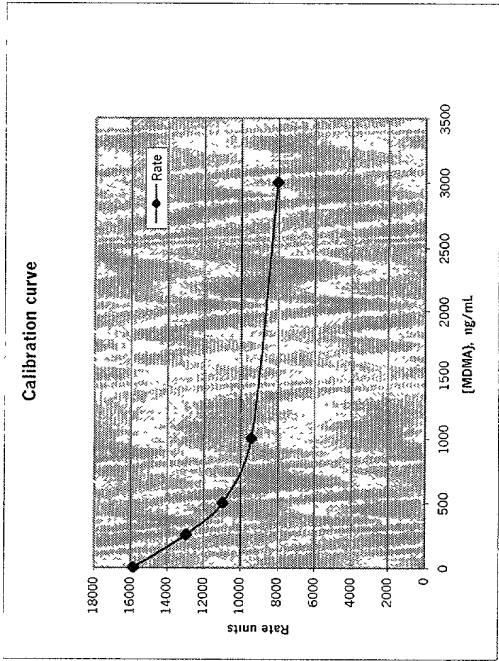
MDMA 2.1.1.1 Cross-Reactivity in Modified Roche OnLine Format

MDMA calibrators

	[MDMA] ng/mL	Rate
S1	0	15842
S2	250	12977
S3	500	10996
S4	1000	9434
S5	3000	8043

Span Data

S1-S2	2866	36.74%
S2-S3	1981	25.40%
S3-S4	1562	20.02%
S4-S5	1391	17.84%
Total	7799	



Drug	Amount spiked ng/mL	Instrument reading	% CR
d-MAMP	625	0	0
d-AMP	625	0	0
MDMA	625	714	114.2
MDEA	625	1864	298.2
BDB	5000	195	3.9
MBDB	5000	625	12.5
PPA	200000	0	0
Phent	200000	0	0
Phendim	200000	0	0
Tyramine	200000	0	0
I-eph	200000	0	0
d-pseudoeph	200000	0	0
I-AMP	200000	0	0
I-MAMP	200000	170	0.09